

SHEET INDEX

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DWG ISSUE	CD ISSUE	DATE ISSUED	Drawn	APPD
1	1	10-2-76	HYM	EGS
2A	2A	5-9-75	HYM	EGS
3B	2A	3-2-79	HYM	EGS
4A	2A	3-2-79	HYM	EGS

OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

SHEET INDEX NOTES	SUPPORTING INFORMATION	
	CATEGORY	NO.
1. WHEN CHANGES ARE MADE IN THIS DRAWING, ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.	EQUIPMENT DRAWINGS	J99359U-() J99359Y-() J99359AA-()
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.	EQUIPMENT DESIGN REQTS	J99359
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.	KEYSHEET DRAWINGS	SD-99635-01 SD-1P007-01
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.	CURRENT DRAIN DATA	SD-99636-02 SD-1P007-02
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.		

NOTICE
NOT FOR USE OR DISCLOSURE
OUTSIDE THE BELL SYSTEM
EXCEPT UNDER WRITTEN AGREEMENT

ISSUE
4A

SD-99785-01 1N99

COMMON SYSTEMS
SWITCHED MAINTENANCE ACCESS SYSTEM NO. 4A
FAR END CONTROL CIRCUIT
FUSING AND FUSE ALARM CIRCUIT
(FECC FUSING & F ALM)
(FLT)

2 SD-99785-01-A1
5 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

6S
PRINTED IN U.S.A.

SD-99785-01-A1

FSI
FUSING AND ALARMS

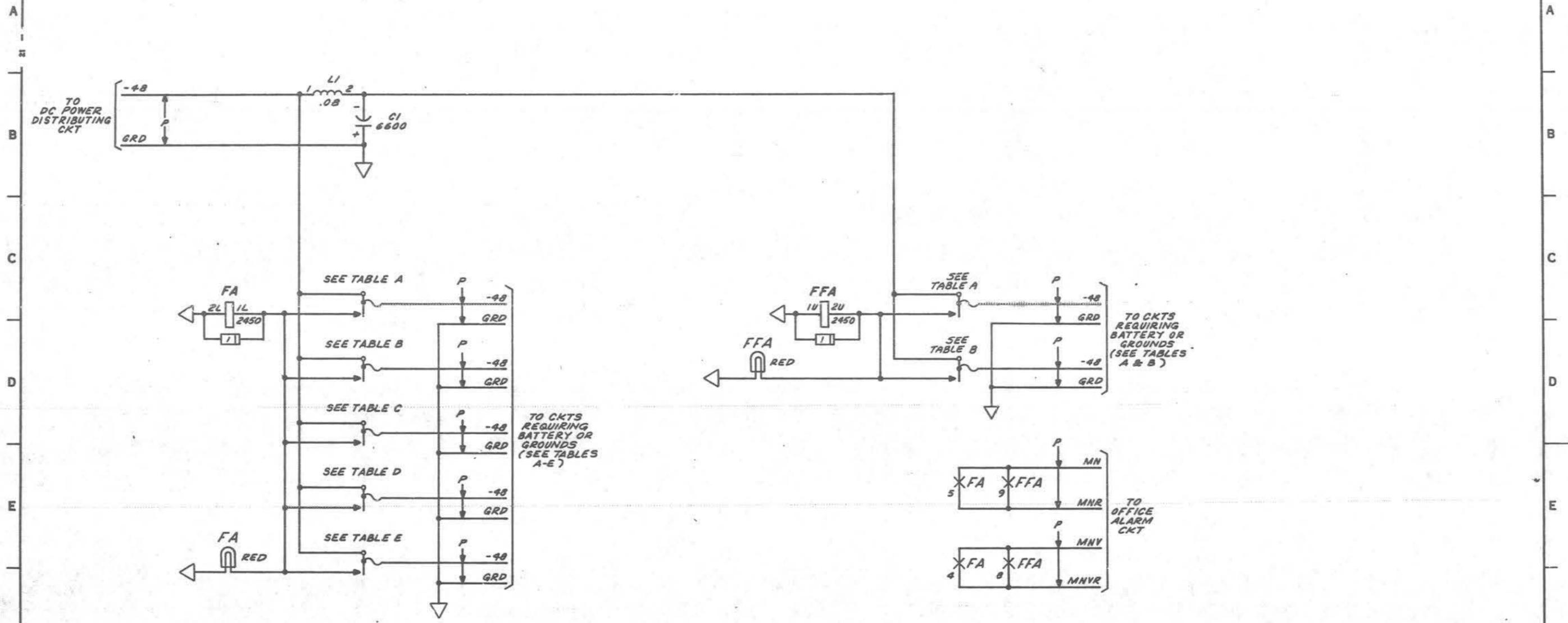


TABLE A

DESIGNATION			ASSOC WITH
FILTER FUSE -48	FUSE -48	GRD	
FL MTR	FH	FL MTR FH	SMAS NO. 4A FAR END CONTROL CKT (SD-99623-01)

TABLE B

DESIGNATION				ASSOC WITH
FILTER FUSE -48	FUSE -48	GRD		
TL	TH	TL	TH	RTS NO. 1A TEST FUNCTION CONTROL CKT (SD-1P003-01)

TABLE C

DESIGNATION			ASSOC WITH
FUSE -48	GRD		
A	A	B	RTS NO. 1A CONTROLLER (SD-1P002-01)

TABLE D

DESIGNATION			ASSOC WITH
FUSE -48	GRD		
A	A		RTS NO. 1A TEST REGISTER AND OUTPULSING CKT (SD-1P005-01)
B	B		
C	C		

TABLE E

DESIGNATION			ASSOC WITH
FUSE -48	GRD *		
-48	GRD *		SIGNAL GENERATOR CKT (SD-99328-01)

*PAIRING REQUIRED WITH ASSOCIATED BATTERY

SD-99785-01-B1

FIGURE 4A

FAR END CONTROL CIRCUIT FUSING AND FUSE ALARM CIRCUIT		SD-99785-01-B1
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APP FIG. 1

RELAY		FA		FFA																DESIG	
DESIG	CODE	AK24																		CODE	
OPTION	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	CONT ARR	LOC	OPTION
12																					12
11																					11
10																					10
9																					9
8																					8
7																					7
6																					6
5																					5
4																					4
3																					3
2																					2
1																					1
COIL																					COIL

FUSE			LAMP			NETWORK		
DESIG	LOC	CODE	DESIG	LOC	CODE	DESIG	LOC	CODE
FH	1C2	70A	FA	1E1	M1 (RED)	FA	1C1	185A
FL	1C6	70C	FFA	1C4	M1 (RED)	FFA	105	185A
MTR	1C6	70B						

APP FIG. 2

CAPACITOR		
DESIG	LOC	CODE
C1	1B2	KS-20133, L38, 6600

APP FIG. 3

FUSE		
DESIG	LOC	CODE
-48	1F2	70A
A	1D2	70A
A	1E2	70A
B	1E2	70A
C	1E2	70A
TH	1D2	70A
TL	1D2	70C

INDUCTOR		
DESIG	LOC	CODE
L1	1B1	10488

SD-99785-01-C1

4A

FAR END CONTROL CIRCUIT FUSING AND FUSE ALARM CIRCUIT		SD-99785-01-C1
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CIRCUIT NOTES:

101.	FUSE	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE		
-48		45-52V		

CIRCUIT NOTES: (CONT)

RECORD OF APP FIGURE WIRING AND APPARATUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS,
CAPACITANCE VALUES ARE IN MICROFARADS,
VALUES PRECEDED BY THE SYMBOL + (PLUS)
CR - (MINUS) ARE IN VOLTS.

102.	FEATURE OR OPTION	PROVIDE	
		APP FIG.	APP OR WRG QUANTITY
	FAR END CONTROL CKT-FUSING AND FUSE ALARM CKT	1,2	1 PER SMAS NO. 4A
		3	1 PER RTS NO. 1A

NETWORK VALUES		
NETWORK NO.	RESISTANCE IN OHMS	CAPACITANCE IN 1 ⁰⁰
1	470	.011

SD-99785-01-D1

ISSUE
4A

FAR END CONTROL CIRCUIT FUSING AND FUSE ALARM CIRCUIT		SD-99785-01-D1
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